## What is claimed is:

1. A hybrid stencil printing apparatus comprising: a stencil-making/printing unit configured to perforate a stencil sheet corresponding to a desired image, to wind the stencil sheet around outer peripheral surface of a print drum, and to transfer a printing medium to the print drum with pressure, thereby printing the printing medium;

an other-method image-formation unit configured to print the printing medium transferred on the same transfer passage as the stencil-making/printing unit according to a different printing method from the stencil-making/printing unit; and

an image-formation unit selection-unit configured to

input an original digital image, to determine attributes of
each image portion of the inputted original digital image,
and to allocate each image portion selectively to the
stencil-making/printing unit and the other-method
image-formation unit based on the determination result.

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2. The hybrid stencil printing apparatus according to claim 1, wherein

the image-formation unit selection-unit determines color attributes of each image portion of the original digital image, allocates image portions in a color which ink in the stencil-making/printing unit is capable of treating to the stencil-making/printing unit, and allocates the other image

portions to the other-method image-formation unit.

3. The hybrid stencil printing apparatus according to claim 2, further comprising:

a dividing unit configured to divide the original digital image into image portions; and

a determining unit configured to determine color attribute information of the image portions divided into by the dividing unit; wherein

the image-formation unit selection-unit allocates the image portions selectively to the stencil-making/printing unit and the other-method image-formation unit based on the color attribute information determined by the determining unit.

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4. The hybrid stencil printing apparatus according to claim 3, wherein

the determining unit determines whether each picture element composing the image portions divided into by the dividing unit is color picture element or monochrome picture element, determines whether an image portion is in a color region or monochrome region based on the number of color picture elements in the image portion, and outputs the determination result as the color attribute information of the image portion.

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5. The hybrid stencil printing apparatus according to claim 1, wherein

the image-formation unit selection-unit determines whether each image portion of the original digital image is a vector or bit-map image, allocates the vector image portions to the stencil-making/printingunit, and allocates the bit-map image portions to the other-method image-formation unit.

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6. The hybrid stencil printing apparatus according to claim 1, further comprising:

a manual image allocating unit configured to allocate the image portions of the original digital image selectively to the stencil-making/printing unit and the other-method image-formation unit manually based on the desires of a user; wherein

the image-formation unit selection-unit determines color attributes of each image portion of the original digital image, determines whether the image portion is a vector or bit-map image, allocates the vector image portions in a color which ink in the stencil-making/printing unit is capable of treating to the stencil-making/printing unit; allocates the bit-map image portions in a color which the ink in the stencil-making/printing unit is incapable of treating to the other-method image-formation unit; allocates the bit-map image portions in the color which the ink in the stencil-making/printing unit is capable of treating to the image-formation unit allocated by the manual image allocating unit; and allocates the vector image portions in the color which the ink in the stencil-making/printing unit is incapable

of treating to the image-formation unit allocated by the manual image allocating unit.

7. The hybrid stencil printing apparatus according to claim 1. wherein

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the other-method image-formation unit is an ink jet image-formation unit configured to print by ejecting ink to the printing medium.

8. A method for controlling a hybrid stencil printing apparatus, the hybrid stencil printing apparatus including a stencil-making/printing unit and an other-method image-formation unit, the method comprising:

inputting an original digital image, determining attributes of each image portion of the inputted original digital image, and allocating each image portion selectively to the stencil-making/printing unit and the other-method image-formation unit based on the determination result;

perforating a stencil sheet corresponding to the image allocated to the stencil-making/printing unit, winding the stencil sheet around outer peripheral surface of a print drum, and transferring a printing medium to the print drum with pressure and thereby printing the printing medium, in the stencil-making/printing unit; and

printing the image allocated to the other-method image-formation unit on the printing medium according to a different printing method from the stencil-making/printing

unit in the other-method image-formation unit.

- 9. The method according to claim 8, wherein insaidallocation of the image portion, color attributes
  5 of each image portion of the original digital image are determined, the image portions in a color which ink in the stencil-making/printing unit is capable of treating are allocated to the stencil-making/printing unit, and the other image portions are allocated to the other-method
  10 image-formation unit.
- 10. The method according to claim 8, wherein in said allocation of the image portion, whether each image portion of the original digital image is vector or bit-map image is determined, the vector image portions are allocated to the stencil-making/printing unit, and the bit-map image portions are allocated to the other-method image-formation unit.
- 20 11. The method according to claim 8, further comprising:

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manually allocating the image portions in the original digital image selectively to the stencil-making/printing unit and the other-method image-formation unit based on the desires of a user; wherein

in said allocation of the image portion, color attributes of each image portion of the original digital image are

determined, whether the image is of a vector or of bit-map image is determined, the vector image portions in a color which ink in the stencil-making/printing unit is capable of treating are allocated to the stencil-making/printing unit, the bit-map image portions of a color which the ink in the stencil-making/printing unit is incapable of treating are allocated to the other-method image-formation unit, the bit-map image portions in the color which the ink of the stencil-making/printing unit is capable of treating are allocated to the image-formation unit allocated by the manual image allocation, and the vector image portions in the color which the ink of the stencil-making/printing unit is incapable of treating are allocated to the image-formation unit allocated by the manual image allocation.

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- 12. The method according to claim 8, wherein the different alternative printing method is ink jet method of printing by ejecting ink to the printing medium.
- 20 13. A computer-readable recording medium, recording a program for controlling a hybrid stencil printing apparatus, the hybrid stencil printing apparatus including a stencil-making/printing unit and an other-method image-formation unit, the program comprising:
- inputting an original digital image, determining attributes of each image portion of the inputted original digital image, and allocating each image portion selectively

to the stencil-making/printing unit and the other-method image-formation unit based on the determination result;

perforating a stencil sheet corresponding to the image allocated to the stencil-making/printing unit, winding the stencil sheet around outer peripheral surface of a print drum, and transferring a printing medium to the print drum with pressure and thereby printing the printing medium, in the stencil-making/printing unit; and

printing the image allocated to the other-method

image-formation unit on the printing medium according to a

different printing method from the stencil-making/printing

unit in the other-method image-formation unit.

14. The recording medium according to claim 13, the15 program wherein

in said allocation of the image portion, color attributes of each image portion of the original digital image are determined, the image portions in a color which ink in the stencil-making/printing unit is capable of treating are allocated to the stencil-making/printing unit, and the other image portions are allocated to the other-method image-formation unit.

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15. The recording medium according to claim 13, the program wherein

in said allocation of the image portion, whether each image portion of the original digital image is vector or bit-map

image is determined, the vector image portions are allocated to the stencil-making/printing unit, and the bit-map image portions are allocated to the other-method image-formation unit.

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16. The recording medium according to claim 13, the program further comprising:

manually allocating the image portions in the original digital image selectively to the stencil-making/printing unit and the other-method image-formation unit based on the desires of a user; wherein

in said allocation of the image portion, color attributes of each image portion of the original digital image are determined, whether the image portion is of a vector or of bit-map image is determined, the vector image portions in a color which ink in the stencil-making/printing unit is capable of treating are allocated to the stencil-making/printing unit, the bit-map image portions in a color which the ink in the stencil-making/printing unit is incapable of treating are allocated to the other-method image-formation unit, the bit-map image portions in the color which the ink of the stencil-making/printing unit is capable of treating are allocated to the image-formation unit allocated by the manual image allocation, and the vector image portions in the color which the ink of the stencil-making/printing unit is incapable of treating are allocated to the image-formation unit allocated by the manual image allocation.

17. The recording medium according to claim 13, the program wherein

the different printing method is ink jet method of printing by ejecting ink to the printing medium.